ANALOG WAY®

# QUICK START GUIDE

## Orchestra - Ref. ORC50

Thank you for choosing **Analog Way** and the **Orchestra.** By following these simple steps, you will be able to setup and use your powerful High End Remote Controller within minutes. Discover the **Orchestra** extensive capabilities and intuitive interface while configuring your first show, and unleash your creativity for a new experience in show and event management by **Analog Way**.

## What's in the box

**1 x Orchestra (ORC50)**
**1 x Power supply cord**
**1 x Console mounting bar and screws**
**1 x Set of 3 pens**
**2 x Adjustable feet**

**1 x User Manual (PDF Version) ***
**1 x Quick Start Guide (PDF Version) ***

**** Download on our website: www.analogway.com***

## Orchestra settings

Before starting with ORC50, please see the following steps:

- Front Panel Description
- Setting up the ORC50
- Configurating the show.

If connecting the Orchestra and device directly, be sure to use an Ethernet crossover cable, otherwise you can use a standard ethernet hub and straight cables.

The ORC50 automatically detects if the connected devices are running the correct firmware version.

To program a preset, use the following steps:

#1- Select a Screen #1 to #6
#2- Create a layer by "Preset Edition" section
#3- Select a source
#4- Save the configuration of the Screen in a Preset.

=> Restart the steps #1 to #4 if several Screens are associated to a Preset.

**Specific commands:**

- For saving a Preset with black content, you must save an empty Preset.
- Short press on a preset: loads the saved preset and saved screen selection.
- Long press on a preset: loads the saved preset on only the currently selected screens
- For clearing a Preset (Memory): Save To Preset => Confirm the reset of the preset on the touch screen. The check boxes are not automatically checked by the software.

The operator must confirm the action of erasing.

**Status Bar (upper right corner of the screen).**
**Each Screen is represented as a circle:**

- Ready Status Bar

- Grey dark circle: No device Configured
- Grey light circle: Device not connected
- Yellow circle: Initializing and synchronizing device
- Green circle: Device connected and ready for operation.

- TAKE Status Bar

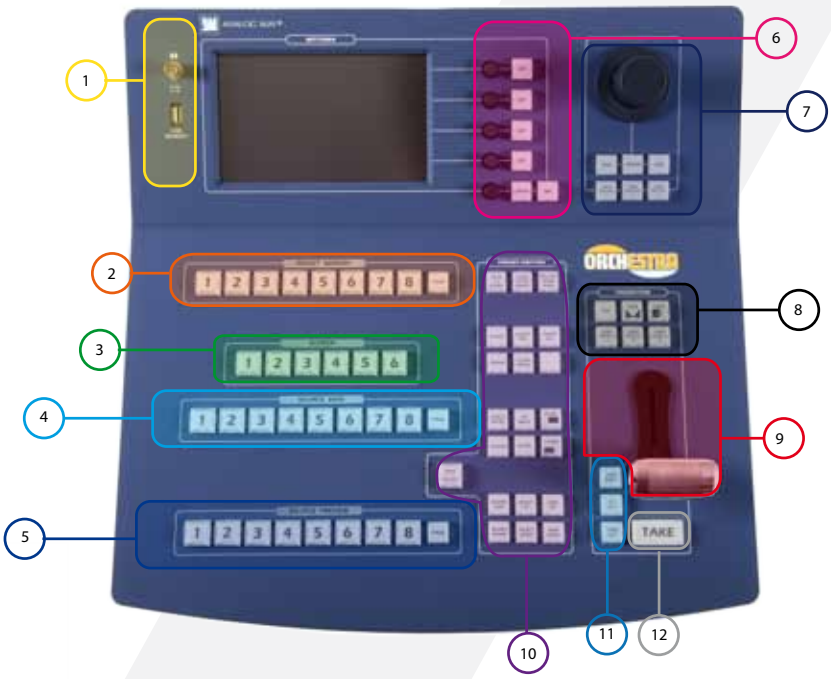
- Grey dark circle: No device
- Grey light circle: Screen unselected, no action scheduled
- Red circle: The Main is different from Preview. The screen will change after a Take.

**Navigation bar (bottom of screen):**

The Navigation bar shows your current page, and is also a shortcut to the listed menu pages.

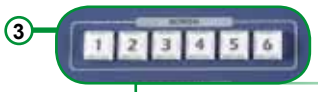
## Front Panel Description

Please to refer to User Manual for comprehensive explanations.



> BNC for desk light
> USB Port for show file management and firmware up-grade

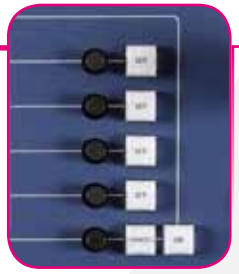
> **Preset Memory:** Each time you configure a screen (background, PIPs, logos), you can save it to a Preset Memory for future use. To do this, configure a screen with all the desired elements, press the **SAVE TO PRESET** button and then a preset memory button.



> **Screen:** Screen selection

> **Source Main:** Status only.

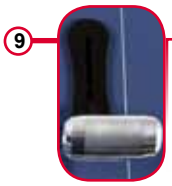
> **Source Preview:** select your sources. It will appear on the Preview output of your switcher and press **TAKE** to go live on your Main output.



> **Settings:** allows you to access all of the Orchestra menus and functionalities quickly and easily. The 4 top rotative knobs will allow you to set values, while the last knob will allow to navigate through the interface, to access source or element settings for example.

> **Joystick** for easy adjustments (position or size). Adjust the selected PIP or Logo, X-Axis (Left/Right), Y-Axis (Up/Down).

> **Transition:** Selection of Effects and User Effects.



> **T-Bar** to control effect level.

> **Preset Edition:** Save, load and modify presets. Various layer properties are also available in this section.

> **CLEAR ALL** button: delete all layers.

> Please refer to our user manual for all the functions in this section.

> 3 functions associated with **TAKE** and **T-BAR**:
- STEP BACK - short press activates the Step Back function
- STEP BACK - long press to enable/disable the PRESET TOGGLE function.
- **INIT T-BAR**
- **TAKE CUT**

> **Take:** Press the **TAKE** button to display the pre-selected sources onto the MAIN output with the selected effects.

## Setting up the Orchestra

**User configuration:**

On startup, the **ORC50** tactile screen will display the *User* page. The first time you use the **ORC50**, you will have to create a new user.
1/ Press the *New User* button on the tactile screen
2/ Name the new user as required and press the [OK] button to validate your choice. Press [OK] to skip password creation.
3/ On the *User* page, choose the user you just created, and press the [OK] button. The **ORC50** will display its default menu screen.

**System configuration:**

The **ORC50** System Configuration page lets you adjust properties like the IP address of the **ORC50**.
1/ Press *System* on the tactile screen. The Network Configuration tab will be displayed.
2/ Select the Lan Settings option, rotate the corresponding knobs to change the IP address of the **ORC50** (IP1,2,3,4) or press the <Default> button to restore the address to 192.168.0.9. Press the [OK] button to validate
3/ Press [OK] again to Exit the system page.

**Show configuration:**

When starting with the **ORC50**, you will need to create a new show.
1/ Press the *Shows* button on the tactile screen then “Create a New Show” button.
2/ The **ORC50** will display the *Show Edit Name* screen, you can now enter a new name. Choose a name for your show, then press the [OK] button to validate your choice.
3/ The **ORC50** will display a blank show page.

## Configuring the show

**Screen setup:**

1/ Select a Screen in the Screen section of the **ORC50** by pressing one of the six available buttons. The *Screen* page will appear on the **ORC50** tactile screen.

2/ Press *Screen Setup* on the tactile screen.

3/ On the <Screen Setup>, select the slave device type and mode. Press Edit to rename your screen.

4/ Press *Edit Devices. Add Device*. Using the tactile screen, Configure the communication settings of the device that the ORC50 will control.

5/ Press the [OK] button to validate your changes. The ORC50 will begin connecting to the configured device.

6/ Press the [OK] button to return to the *Screen Setup* page.

**Output configuration:**

1/ In the *Screen Setup* page, press *Edit Outputs* and select the output, Main or Preview, you wish to adjust, then configure the output format (resolution), output rate, output type required.
2/ Press *Pattern*, and select an available pattern to check your output settings on screen. Press *Pattern* again, and select *None* to revert to your image on screen.
3/ Press the [OK] button to return to the screen setup page.

**Input configuration:**

1/ In the *Screen Setup* page, press *Edit Input,* you can manually configure the type of plug, the signal type or press the [AUTOSETTING] button, for an automatic setup of your inputs.
2/ Press [OK] button.

**Soft Edge setup:**

Please refer to the Soft Edge Setup Chapter of the User manual.

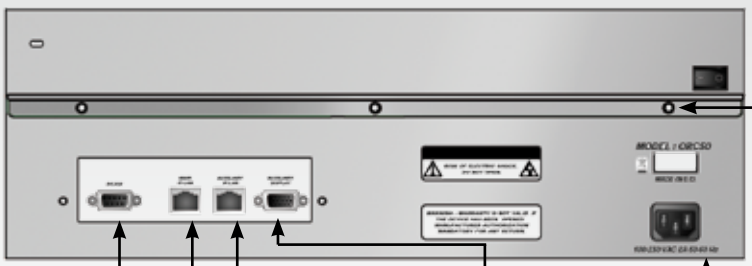
**Image settings:**

In the screen setup page, to access source image settings, press the [IMAGE SETTINGS] button.

**Logos & Frames configuration:**

1/ In the screen setup page, press the [LOGOS/FRAMES] button.
2/ Select a source you wish to use as a logo or frame.
3/ Choose the memory slot to save the Logo/Frame into, edit size, position with the joystick, and the keying settings by rotating the approriate knobs.
4/ Press [STORE] to store your logo or frame.

## Rear Panel Description


RS-232
Serial port (not in use)
RJ-45 - Auxiliary
Not in use
DC
100-250 VAC 2A 50-60Hz
RJ-45
RJ-45 connector: Connect the Orchestra to 10/100 Ethernet LAN using this female RJ-45 connector: used to control switcher
Auxiliary display output
Clone of the tactile screen
Mounting Bar
For installation

## Working with the Orchestra

**Layers:**

Backgrounds, frames, PIPs, and logos are all considered layers.

To work with a layer, press the [BACKGROUND LIVE], [BACKGROUND FRAME], [ADD PIP] or [ADD LOGO] button.

In the Source Preview section, select the source you wish to assign to that layer. It will appear on the Preview output of your slave device. Press [TAKE] to go live on your Main output.

Selected objects can be moved or resized with the help of the joystick.

Any selected object can be cleared by pressing the [CLEAR] button twice (to clear multiple layers, press [CLEAR PIPs], [CLEAR LOGOs] or [CLEAR ALL], twice).

Source parameters of the selected layer can be accessed via the options on the last line of the tactile screen or via the 5th knob.

**The TAKE button:**

The [TAKE] button will bring everything you have configured, from your Preview output to your Main output.

The **Orchestra** T-Bar makes the same transition, but you can manually control the progress of the effect.

The [TAKE CUT] button allows you to override all transition effects with a cut effect.

Finally, the [STEPBACK] button will help you to revert your main output to its previous screen state. Press the [STEPBACK] button and press [TAKE] to do this.

**Preset Memories:**

Each time you configure a screen (background, PIPs, logos), you can save it to a Preset Memory for future use, then call it back at any time.

To do this, configure a screen with all the desired elements, and press the [SAVE TO MEMORY] button.

In the Preset Memory section, choose the memory slot you wish to save to by pressing a button (#1 to #8).

To recall that memory and use it, press the [LOAD from PRESET] button, press a Preset Memory button and press [TAKE].

**TIP :** Pressing the [PAGE] button while selecting a Preset Memory (#1 to #8), will select a memory page, each containing 8 memory slots (64 in total).

## Managing with the Orchestra

The **Orchestra** can control the following Seamless Switchers:

| Control Mode | DVX8044 | EKS500 | EKS400 | OPS300 | OPS200 | SMX200 | SMX100 | PLS300 | PLS200 | SVU300 | SVU200 | STE100 | SQD200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Seamless Mixer | x | x | x | x | x | | | x | x | x | x | | |
| Seamless Matrix | x | x | x | x | | x | x | | | | | | |
| Quadravision | | x | | | | | | | | | | | x |
| Soft Edge Blending | x | | | | | | | | | | | x | |

## Warranty

All **Analog Way** products have a 3 year warranty on parts and labor, return to factory, but do not include faults resulting from user negligence, any unauthorized modifications, electrical surges, mishandling (drop/crush), and/or any other damage caused by misuse.

Please note: The included carrying case and protective foam is not covered under warranty.

## Going further with the Orchestra

Please check the User Manual and our website for further information: **www.analogway.com**

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